



Work Order Bid (ID)

WORK TO BE PERFORMED IN ACCORDANCE WITH 2011
TENNESSEE WEATHERIZATION FIELD GUIDE and ANY
LOCAL CODES. QUESTIONS SHOULD BE DIRECTED TO
EAST TENNESSEE RESOURCE AGENCY -
WEATHERIZATION DEPT.

WORK ORDER INFORMATION

Work Order Name: WO/60006EA9614/1

Work Order Type: Weatherization

Audit Name: 60006EA9614

CLIENT INFORMATION

Client ID: 60006EA9614

AGENCY INFORMATION

Agency: East Tennessee Human Resource Agency

Address: 9111 Cross Park Drive, Suite D100
Knoxville, TN 37923

Agency Contact: Alexander, Randy

Agency Phone: (865) 691-2551

Fax: (865) 531-7216

Email Address:

Work Phone:

Cell Phone: (865) 705-8545

Email Address: Ralexander@ethra.org

Company Name & License Number: _____

Contractor's Signature: _____

COMMENT

Certified Firm/Renovator Required

Pre: 4385

Post: 3000

Year built: 1945

Type of structure: site built

Approx. SF: 885

Note: D2 was close (from kitchen to back storage area) during blower door test.

Revised

Measures

Measure 1 Infiltration Redctn

Components H1

Inspected

Comment Pre: 4385

Post: 3000

- 1) Clear or white caulk all window frames inside (13 windows)
- 2) Seal plumbing under kitchen sink: total of 3 pipes: approx. 1 LF.
- 3) Install new weatherstripping and new threshold to D2: D2 = 30 " x 77 ": D2 is the thermal boundry between the kitchen and back storage room.
- 4) Kitchen: Warm morning coal stove: Using high tempature caulk: seal 30 " x 30 " area plus additional 1 LF for seam in stove pipe protective cover on the wall: approx 11 LF total of high temp caulk
- 5) Old chimney in LR: clear caulk around 10 " cap, behind cloth with cats on it, approx. 2 LF. Remove newspaper before sealing.
- 6) Cabinet space in hallway. Seal and latch: Install weatherstrip and latches to secure cabinet when closed. Cabinet doors are 18 " x 18 " (x2) : Approx. 12 LF of weatherstripping. This cabinet is a major source of air infiltration.
- 7) Kitchen: Cabinets on south wall: 4 cabinets total: Install weatherstripping and latches to secure when closed. Cabinet sizes: 25 " x 19 " with approx. 10 " x 19 " doors: Approx. 10 LF of weatherstripping for each of the smaller cabinets (x2): Larger cabinets measure 25 " x 57 " , doors are the same measurement: Approx. 14 LF per cabinet (x2) : Total weatherstripping : approx. 48 LF. These cabinets are a major source of air infiltration.
- 8) Bathroom: door frame: Clear caulk door frame along seams: Approx. 16 LF. Noted gaps on inside seams.

#	Material / Labor	Description / Comment	Units	Estimated			Actual		
				Qty	Unit Cost	Total	Qty	Unit Cost	Total
10	Miscellaneous Su	Infiltration Reduction	Each	1					
Other Detail									
Measure Sub Total:							Sub Total:		

Field Notes:

Measure 2 DWH Tank Insulation**Components****Inspected****Comment**☐

#	Material / Labor	Description / Comment	Units	Qty	Estimated		Actual		
					Unit Cost	Total	Qty	Unit Cost	Total
1	Hot Water Equipm	DHW Tank Insulation	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	Labor	DHW Tank Insulation	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Other Detail

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Measure Sub Total:**Sub Total:****Field Notes:****Measure 3 Attic Ins. R-38****Components A1****Inspected****Comment** Note: Attic access is outside above back storage area.☐

Note: Back storage area is not included into total SF due to no access into attic area over storage.

Attic: knob and tube wiring noted upon pre audit inspection: appears to be disconnected: have licensed electrical contractor verify power is not going to any knob and tube wiring.before blowing attic

#	Material / Labor	Description / Comment	Units	Qty	Estimated		Actual		
					Unit Cost	Total	Qty	Unit Cost	Total
1	Insulation	Attic Insulation - Blown Cellulose - R-38	SqFt	885	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	Labor	Attic Insulation - Blown Cellulose - R-38	SqFt	885	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Other Detail

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Measure Sub Total:**Sub Total:****Field Notes:**

Measure 4 DWH Pipe Insulation**Components****Inspected****Comment** 6 Ln. Ft. @ Each Hot and Cold Water Line☐

#	Material / Labor	Description / Comment	Units	Qty	Estimated		Actual		
					Unit Cost	Total	Qty	Unit Cost	Total
1	Insulation	DHW Pipe Insulation	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	Labor	DHW Pipe Insulation	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Other Detail

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Measure Sub Total:**Sub Total:****Field Notes:****Measure 5 Floor Ins. R-19****Components F1****Inspected**

Comment Additional cost: Seal with caulk / foam all electrical plumbing penetrations, before installing R-19 fiberglass batts.
Install R-19 fiberglass batts: SF: 885 total minus area too low to install 250 SF
= 635 SF available for insulation installation.

☐

#	Material / Labor	Description / Comment	Units	Qty	Estimated		Actual		
					Unit Cost	Total	Qty	Unit Cost	Total
1	Insulation	Floor Insulation - Fiberglass Batts - R-19	SqFt	635	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	Labor	Floor Insulation - Fiberglass Batts - R-19	SqFt	635	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
3	Miscellaneous Su	Added Misc Cost	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Other Detail

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Measure Sub Total:**Sub Total:****Field Notes:**

Measure 6 Wall Insulation**Components** North 1**Inspected****Comment** Install blown cellulose to all exterior walls.☐

#	Material / Labor	Description / Comment	Units	Qty	Estimated		Actual		
					Unit Cost	Total	Qty	Unit Cost	Total
1	Insulation	Wall Insulation - Blown Cellulose - 2x4 Filled	SqFt	158.5	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	Labor	Wall Insulation - Blown Cellulose - 2x4 Filled	SqFt	158.5	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Other Detail

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Measure Sub Total: **Sub Total:** **Field Notes:****Measure 7 Wall Insulation****Components** East 1**Inspected****Comment**☐

#	Material / Labor	Description / Comment	Units	Qty	Estimated		Actual		
					Unit Cost	Total	Qty	Unit Cost	Total
1	Insulation	Wall Insulation - Blown Cellulose - 2x4 Filled	SqFt	308.5	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	Labor	Wall Insulation - Blown Cellulose - 2x4 Filled	SqFt	308.5	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Other Detail

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Measure Sub Total: **Sub Total:** **Field Notes:**

Measure 8 Wall Insulation**Components** West 1**Inspected****Comment**☐

#	Material / Labor	Description / Comment	Units	Qty	Estimated		Actual		
					Unit Cost	Total	Qty	Unit Cost	Total
1	Insulation	Wall Insulation - Blown Cellulose - 2x4 Filled	SqFt	281.5	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	Labor	Wall Insulation - Blown Cellulose - 2x4 Filled	SqFt	281.5	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Other Detail

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Measure Sub Total:**Sub Total:****Field Notes:****Measure 9 Storm Windows****Components** W3,W4,W1,W2,W13**Inspected****Comment** These 5 windows were classified as "VERY LOOSE", single panes in pre audit.☐

#	Material / Labor	Description / Comment	Units	Qty	Estimated		Actual		
					Unit Cost	Total	Qty	Unit Cost	Total
1	Windows	Storm Window	SqFt	87.5	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	Labor	Storm Window	SqFt	87.5	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
3	Other	Storm Window	Each Window	5	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Other Detail

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Measure Sub Total:**Sub Total:****Field Notes:**

Measure 10 Refrigerator Rplcmnt**Components****Inspected****Comment** 18 C. F. Energy Star☐

#	Material / Labor	Description / Comment	Units	Estimated			Actual		
				Qty	Unit Cost	Total	Qty	Unit Cost	Total
10	Refrigerators	Energy Star - Any	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Other Detail

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Measure Sub Total:**Sub Total:****Field Notes:****Measure 11 CO Monitor is Needed****Components****Inspected****Comment** Note: No gas in this house.☐

Home owner uses coal fire furnance: Install CO detector in hallway between bedrooms.

#	Material / Labor	Description / Comment	Units	Estimated			Actual		
				Qty	Unit Cost	Total	Qty	Unit Cost	Total
10	Unspecified	See the User Defined Measure for a list of materials.	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Other Detail

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Measure Sub Total:**Sub Total:****Field Notes:**

**Measure 12 Practice Lead Safe Weatherization
(Walls)**

Components

Inspected

Comment

☐

#	Material / Labor	Description / Comment	Units	Estimated			Actual		
				Qty	Unit Cost	Total	Qty	Unit Cost	Total
10	Unspecified	See the User Defined	Each	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Other Detail

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Measure Sub Total:

Sub Total:

Field Notes:

Work Order Grand Total:

Grand Total: